

ABSTRACT OF THE INVENTION

An anti-pinch and electrical motor protection device comprising at least one PTC circuit protection, a diode, and an electrical current. When an object becomes pinched in a device driven by a DC motor, the temperature within the motor increases. When the

5 temperature exceeds the temperature the PTC circuit protector tuned to a low temperature can handle, it is tripped and the electrical current is bypassed through the diode until the PTC circuit protector tuned to a high temperature is tripped. Instant reverse motion of the motor is then available without having to wait for the motor to cool and reset, thereby releasing a pinched object with minimal damage and protecting and extending the life of

10 the motor.